

Chief Engineer, Tug, Class II

WBS-QS 07

JOB CONTROLS

1. Under general direction, understands and applies fundamentals of engines and craft practices, procedures and techniques.

MAJOR DUTIES

1. Serves as Chief Engineer aboard a Class II tug (under 65') with responsibility for the operation of diesel propelling engines, hydraulic steering engines, etc., which further consist of dynamos, electric generators, compressors, etc., and emergency plant and other auxiliary power engines powering machinery, pumps, winch, lights, etc.

2. Following signals from pilot house, starts, speeds up, slows down or stops propelling engines in forward or reverse directions. Takes temperature, pyrometer, fresh water, fuel and oil pressures, etc., readings to insure correct pressures, proper regulation and operation, etc., and to foresee need of repair and maintenance to equipment. Periodically inspects and checks generators, engines, steering engines, electrical equipment, etc., for proper operation and makes necessary or required adjustments or repairs requiring machine work or major yard work. Oils and greases all machinery and equipment by filling cups or reservoirs to proper level and adjusting feed of lubricants to parts to be lubricated.

3. Requisitions materials, supplies, and repair parts. When major repairs necessitate tug to go to drydock is responsible for final inspection of major machinery repairs before leaving drydock. Responsible for maintaining cleanliness in engineroom such as washing down, painting, etc.

4. In absence of Master, assumes full duties, responsibility and authority which include operating boat in same areas and under same mission and conditions, piloting and steering boat, etc.

5. Is required to possess a current U.S.C.G. license as Diesel Engineer to operate propulsion power plants of at least the horsepower of vessel to which assigned.

May perform other incidental duties as assigned.